ABSTRACT

A support structure for bicycle bottles includes a three-dimensional supporting cage frame (2) and anchoring structure (6, 7) for securing to a bicycle frame. The supporting structure (2) has a rear post (3) with two arms (4, 5) extending from its upper end, the arms being substantially symmetrical and diverging from each other. The arms (4, 5) are at least partially bent upwardly, forwardly and downwardly in order to embrace the lateral wall of a bottle (B), the lower end portions (8, 9) of the arms converge and are connected to each other to form a lower appendix (10) directed towards the post (3) that is suitable to support the bottom wall of the bottle (B). The arms (4, 5) and the post (3) are positioned over a substantially cyclindrical surface whose inner diameter (D) is slightly larger than the outer diameter (∅) of the bottle (B). The maximum span (d) between the inner edges of the converging lower ends (8, 9) of the arms is smaller than or equal to the half of the inner diameter (D) at a distance (h) from the appendix (10) that is substantially equal to the inner diameter (D). The support structure exhibits a reduced weight, an improved drag efficiency, a larger file of the bicycle bottle.